

SYSTEM AND METHOD FOR AVOIDING TRIANGULATION
DELAY IN A TELECOMMUNICATIONS NETWORK

ABSTRACT OF THE DISCLOSURE

5 For use in a telecommunications network comprising a plurality
of packet data service nodes and a plurality of mobile stations,
wherein each packet data service node is capable of communicating
with one or more mobile stations, there is disclosed an apparatus
and method for avoiding triangulation delay that is caused by
10 sending messages over a long network path. The apparatus comprises
an interface between the packet data service nodes. Information
sent over the interface permits a first packet data service node to
send data packets of a message from a first mobile station to a
second mobile station directly from the first packet data server
15 node to a second packet data server node without accessing an
Internet (IP) protocol network. This avoids triangulation delay by
decreasing the length of the network path for the message.